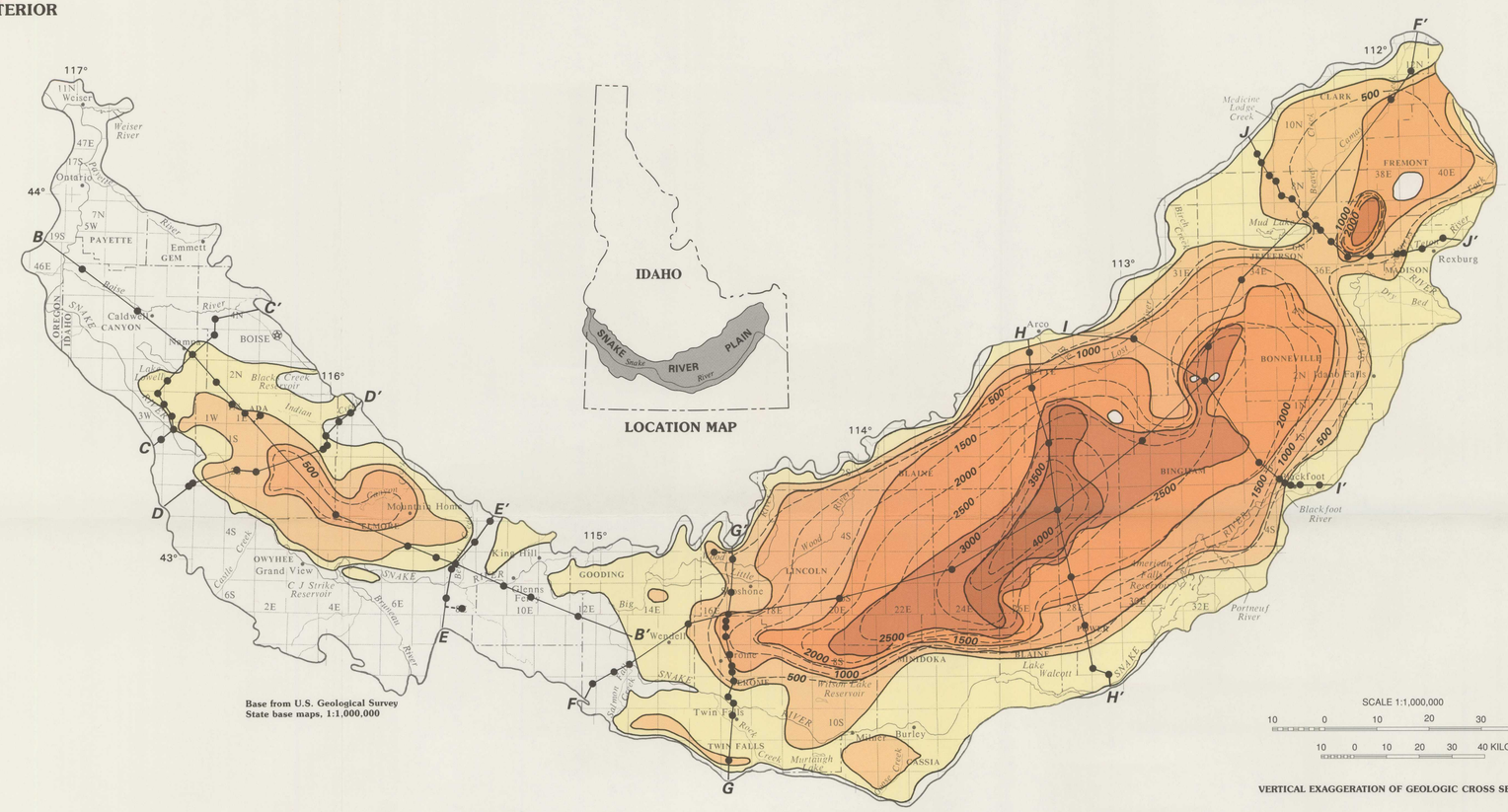


EXPLANATION

MAP

Thickness of Quaternary basalt—In feet

- Generally none. If present, of small areal extent and less than 100 feet thick
- 100-499
- 500-999
- 1,000-1,999
- 2,000-2,999
- 3,000-3,999
- Greater than 4,000

500 — **Line of equal estimated saturated thickness of Quaternary basalt**—May include older basaltic or silicic volcanic rocks in places. Interval 500 feet

B——B′ **Trace of geologic cross section**—Bend in section lines not shown in cross sections but generally coincide with drill holes

● **Drill hole used to compile geologic cross section**

Boundary of Snake River Plain

GEOLOGIC CROSS SECTIONS

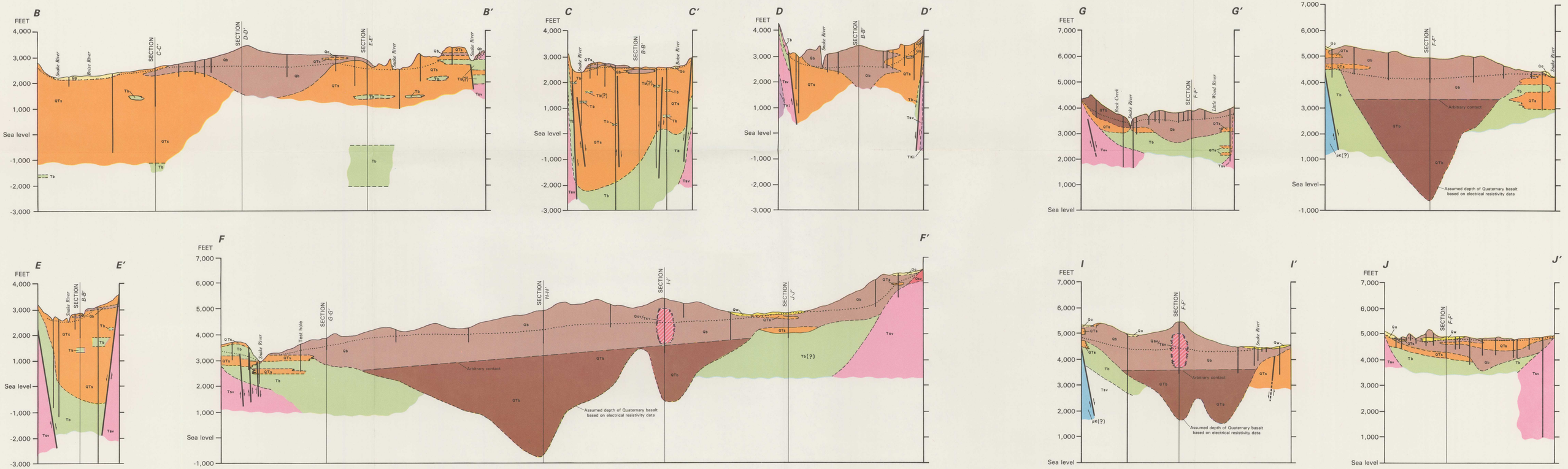
(See plate 1 for description of map units)

Contact—Approximately located. Dashed where uncertain

Fault—Approximately located. Arrows show direction of movement. Dashed where uncertain

Drill hole

Water table—Approximately located



MAP SHOWING THICKNESS OF QUATERNARY BASALT AND GEOLOGIC CROSS SECTIONS *B-B′* THROUGH *J-J′*, SNAKE RIVER PLAIN, IDAHO AND EASTERN OREGON